

Notice of Allowability

Application No.

09/613,092

Examiner

S. Devi, Ph.D.

Applicant(s)

ADES ET AL.

Art Unit

1645

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to Applicants' after-final amendment filed 12/13/04.
2. ☒ The allowed claim(s) is/~~are~~ 11, now renumbered as claim 1.
3. ☒ The drawings filed on 10 July 2000 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).
 - * Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit
of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413),
Paper No./Mail Date _____
7. ☒ Examiner's Amendment/Comment
8. ☐ Examiner's Statement of Reasons for Allowance
9. ☒ Other Attachment.

ATTACHMENT TO NOTICE OF ALLOWABILITY

Applicants' Amendment

1) Acknowledgment is made of Applicants' after-final amendment filed 12/13/04 in response to the final Office Action mailed 06/09/04. With this, Applicants have amended the specification.

Examiner's Amendment

2) An Examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to Applicants, an amendment may be filed as provided by 37 C.F.R. 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee. The authorization to prepare this Examiner's amendment was provided by Ms. Gwendolyn Spratt in a telephonic interview on 21 December 2004.

This application has been amended as indicated below:

(a) In the 'Abstract of the Disclosure' on page 76 of the specification, the second sentence, the fourth and fifth sentences, and the last sentence have been deleted.

(b) At line 1 on page 13 of the specification, the limitation --(now U.S. Patent 5,854,416)-- has been inserted after the limitation 'September 17, 1996'.

(c) At line 1 on page 14 of the specification, the limitation --(now U.S. Patent 5,854,416)-- has been inserted after the limitation 'September 17, 1996'.

(d) At line 3 on page 14 of the specification, the limitation '(now U.S. Patent 5,854,416)' has been deleted.

(e) At line 23 on page 16 of the specification, the limitation --(now U.S. Patent 5,854,416)-- has been inserted after the limitation 'September 17, 1996'.

(f) At line 5 on page 17 of the specification, the limitation --(now U.S. Patent 5,854,416)-- has been inserted after the limitation 'September 17, 1996'.

(g) At line 10 on page 20 of the specification, the limitation --(now U.S. Patent 5,854,416)-- has been inserted after the limitation 'September 17, 1996'.

(h) At line 26 on page 24 of the specification, the limitation --(now U.S. Patent 5,854,416)-- has been inserted after the limitation '08/715,131'.

(i) At line 4 on page 59 of the specification, the limitation --(SEQ ID NO: 11)-- has been inserted after the limitation 'CYGG'.

Status of Claims

- 3) Claims 1 and 12-20 have been canceled via the after-final amendment filed 12/13/04.
Claim 11 is pending and is under examination.

Objection(s) Withdrawn

- 4) The objection to the specification made in paragraph 8(b) of the Office Action mailed 09/17/02 and maintained in paragraph 7 of the Office Action mailed 04/30/03, paragraph 5 of the Office Action mailed 12/11/03 and paragraph 7 of the Office Action mailed 06/09/04, with regard to the sequence non-compliance, is withdrawn in light of Applicants' amendment to the specification.

Rejection(s) Moot

- 5) The rejection of claim 1 made in paragraph 8 of the Office Action mailed 12/11/03 and maintained in paragraph 8 of the Office Action mailed 06/09/04 under 35 U.S.C § 103(a) as being unpatentable over Sampson *et al.* (US 6,217,884) in view of Tam (*In: Peptide Antigens: A Practical Approach*. (Ed) Wisdom G.B. IRL Press, Oxford University Press, New York, pp. 83-90. 1994 - already of record), or Huang *et al.* (*Mol. Immunol.* 31: 1191-1199, 1994 - already of record) and Harlow *et al.* (*In: Antibodies: A Laboratory Manual*. Cold Spring Harbor Laboratory, Chapter 5, p. 76, 1988), is moot in light of Applicants' cancellation of the claim.
- 6) The rejection of claim 1 made in paragraph 9 of the Office Action mailed 12/11/03 and maintained in paragraph 9 of the Office Action mailed 06/09/04 under 35 U.S.C § 103(a) as being unpatentable over Nuijens *et al.* (WO 9117258) in view of Tam (*In: Peptide Antigens: A Practical Approach*. (Ed) Wisdom G.B. IRL Press, Oxford University Press, New York, pp. 83-90. 1994 - already of record), or Huang *et al.* (*Mol. Immunol.* 31: 1191-1199, 1994 - already of record) and Harlow *et al.* (*In: Antibodies: A Laboratory Manual*. Cold Spring Harbor Laboratory, Chapter 5, p. 76, 1988), is moot in light of Applicants' cancellation of the claim.

Remarks

- 7) Claim 11, now renumbered as claim 1, is allowed.
- 8) Papers related to this application may be submitted to Group 1600, AU 1645 by facsimile transmission. Papers should be transmitted via the PTO Fax Center, which receives transmissions 24 hours a day and 7 days a week. The transmission of such papers by facsimile must conform with

the notice published in the Official Gazette, 1096 OG 30, November 15, 1989. The Fax number for submission of amendments, responses and/or papers is (571) 273-8300.

9) Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAG or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.Mov>. Should you have questions on access to the Private PAA system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

10) Any inquiry concerning this communication or earlier communications from the Examiner should be directed to S. Devi, Ph.D., whose telephone number is (571) 272-0854. A message may be left on the Examiner's voice mail system. The Examiner can normally be reached on Monday to Friday from 7.15 a.m. to 4.15 p.m. except one day each bi-week, which would be disclosed on the Examiner's voice mail system.

If attempts to reach the Examiner by telephone are unsuccessful, the Examiner's supervisor, Lynette Smith, can be reached on (571) 272-0864.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Group receptionist whose telephone number is (571) 272-1600.

December, 2004


S. DEVI, PH.D.
PRIMARY EXAMINER